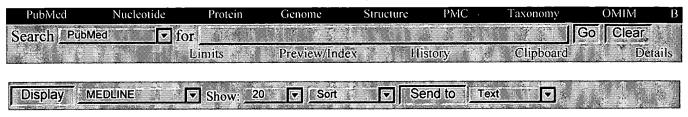
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1: Emi M, et al. Cloning, characterization and...[PMID:3011602]

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UI - 86221712 PMID- 3011602 DA - 19860627 DCOM- 19860627 LR - 20001218 IS - 0378-1119 VI - 41 IP - 2-3 DP - 1986

TI - Cloning, characterization and nucleotide sequences of two cDNAs encoding human pancreatic trypsinogens.

PG - 305-10

AB - Two cDNA clones encoding two major human trypsinogen isozymes were isolated from a human pancreatic cDNA library. The deduced amino acid (aa sequences of the two trypsinogen precursors are found to have 89% sequenc homology, and have the same number of aa (247), including 15 aa for a signal peptide and 8 aa for an activation peptide. Southern blot analysis of human genomic DNA using the cloned cDNA as a probe, revealed that the human trypsinogen genes constitute a multigene family of more than ten genes.

FAU - Emi, M AU - Emi M FAU - Nakamura, Y AU - Nakamura Y FAU - Ogawa, M AU - Ogawa M FAU - Yamamoto, T AU - Yamamoto T FAU - Nishide, T AU - Nishide T FAU - Mori, T ΑU - Mori T FAU - Matsubara, K - Matsubara K ΑU LA - eng

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CY - NETHERLANDS

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JID - 7706761

RN - 0 (Isoenzymes)

RN - 9002-08-8 (Trypsinogen)

RN - 9007-49-2 (DNA)

RN - EC 3.1.21 (DNA Restriction Enzymes)

SB - IM

MH - Amino Acid Sequence

MH - Base Sequence

MH - *Cloning, Molecular

MH - DNA/*isolation & purification

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MH - DNA Restriction Enzymes

MH - Human

MH - Isoenzymes/*genetics

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MH - Pancreas/*enzymology
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